


UNIVERSITY OF SHARJAH  
COLLEGE OF PHARMACY

**ABDEL-NASSER AHMED HUSSEIN EL-SHORBAGI**  
FACULTY MEMBER CREDENTIALS



	<b>First Name</b>	Abdel-Nasser
	<b>Last Name</b>	A. El-Shorbagi
	<b>Job Title</b>	Professor; Medicinal Chemistry
	<b>Nationality</b>	Egypt
	<b>Date of Birth</b>	28-03-1955
	<b>Gender</b>	Male
	<b>Email</b>	aelshorbagi@sharjah.ac.ae
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### EDUCATIONAL BACKGROUND

From Recent to Older

From		To		
MM	YY	MM	YY	
10	1986	11	1989	Ph. D. Med & Pharm Chemistry, 1989. Faculty of Pharmaceutical Sciences, Chiba University, Chiba, Japan, (Channel) with Assiut University
10	1980	6	1984	M. Sc., Pharmaceutical Sciences, Pharm Chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt
09	1974	7	1979	B. Sc., Pharmaceutical Sciences 1979. Faculty of Pharmacy, Assiut University.

**PROFESSIONAL SUMMARY**

From Recent to Older

From		To		Notes (e.g. To date, on leave, etc)
MM	YY	MM	YY	
09	2010		To date	Professor; Med Chemistry, Sept. 1, 2010. College of Pharmacy, University of Sharjah, Sharjah, UAE
09	2009		2010	Visiting Professor; Med Chemistry, Sept. 1, 2009-2010.
09	2008		2009	Visiting Professor; Med Chemistry, Sept. 1, 2008-2009.
11	2004	08	2008	Professor; Med & Pharm Org Chemistry, Nov, 2000. Faculty of Pharmacy, Al-Isra University, Amman, Jordan
11	2000	10	2004	Professor; Med & Pharm Chemistry, Nov, 2000. Faculty of Pharmacy, Assiut University
10	1995	10	2000	Associate Prof; Med & Pharm Chemistry 1995
10	1989	09	1995	Assistant Professor; Pharm. Chem. 1989
	1986		1989	Research fellow for Ph D Chiba Univ, JAPAN. 1986-1989
	1984		1986	Lecturer; Pharm Chem 1984
11	1979		1984	Demonstrator; Pharm Chem 1979
11	2000		Now	Professor; Med & Pharm Chemistry, Nov, 2000. Faculty of Pharmacy, Assiut University

**PUBLICATIONS**

From Recent to Older

Year	Title, authors, journal	Scopus Q
2019	Novel Betulin Derivative is Responsible for the Anticancer Folk Use of Ziziphus spina-christi from the Hot Environmental Habitat of UAE, Sameh Soliman, Alshaimaa M. Hamoda, <b>Abdel-Nasser A. El-Shorbagi</b> , Ali A. El-Keblawy, Journal of Ethnopharmacology, 2019, 231, 403-408 <a href="https://doi.org/10.1016/j.jep.2018.11.040">https://doi.org/10.1016/j.jep.2018.11.040</a> .	Q1
2019	Inhibition of SHP2 by new compounds induces differential effects on RAS/RAF/ERK and PI3K/AKT pathways in different cancer cell types. Vazhappilly, C. G.; Saleh, E.; Ramadan, W.; Menon, V.; Al-Azawi, A. M.; Tarazi, H.; Abdu-Allah, H.; <b>El-Shorbagi, A.-N.</b> ; El-Awady, R., Investigational New Drugs 2019, 37 (2), 252-261. <b>First ONLINE June 2018.</b> <a href="https://doi.org/10.1007/s10637-018-0626-5">https://doi.org/10.1007/s10637-018-0626-5</a>	Q1

2019	Synthesis and investigation of anthelmintic, antibacterial, and antifungal activity of 3,3-diphenyl propanamide derivatives. Chaudhary, Sachin; Verma, Harish Chandra; Gupta, Mandeep Kumar; Gupta, Ramesh Kumar; Kumar, Amit; <b>El-Shorbagi, Abdel Nasser</b> . Asian Journal of Pharmaceutical and Clinical Research (2019), 12. Asian J Pharm Clin Res, 2019, 12 (1), 310-315. DOI: <a href="http://dx.doi.org/10.22159/ajpcr.2019.v12i1.30094">http://dx.doi.org/10.22159/ajpcr.2019.v12i1.30094</a>	Q3
2019	Antidiabetic Aptitude of Cordia sebestena and its Outcome on Biochemical Parameters, Serum Electrolytes, and Hematological Markers. Sachin Chaudhary, Harish Chandra Verma, Mandeep Kumar Gupta, Hitesh Kumar, Sudhansu Ranjan Swain, Ramesh Kumar Gupta, Abdel-Nasser El-Shorbagi, <i>Pharmacognosy Journal</i> <b>2019</b> , 11 (2), 418-423. <a href="https://doi.org/10.5530/pj.2019.11.65">https://doi.org/10.5530/pj.2019.11.65</a> ,	Q4
2018	Bis-(5-substituted-2-thiono-1,3,5-thiadiazinan-3-yl) butane as a scaffold of anti-proliferative activity, blended by a multicomponent process. <b>Abdel-Nasser El-Shorbagi</b> , Mohamed El-Naggar, Hamadeh Tarazi, Sachin Chaudhary, Hajjaj Abdu-Allah, Fatema Hersi, Hany Omar, <i>Med Chem Res</i> 2018, 27, 1103-1110, <a href="https://doi.org/10.1007/s00044-018-2133-9">https://doi.org/10.1007/s00044-018-2133-9</a> .	Q2
2018	Synthesis, Characterization, and Cytotoxic Evaluation of Some Newly Substituted Diazene Candidates, Mohamed El-Naggar, <b>Abdel-Nasser El-Shorbagi</b> , Dina H. Elnaggar, Abd El-Galil E. Amr, Mohamed A. Al-Omar, and Elsayed A. Elsayed, <i>Journal of Chemistry</i> , vol. 2018, Article ID 3626824, 9 pages, 2018. <a href="https://doi.org/10.1155/2018/3626824">https://doi.org/10.1155/2018/3626824</a> .	Q3
2016	5-Aminosalicylic Acid (5-ASA): A Unique Anti-Inflammatory Salicylate Hajjaj H Abdu-Allah · <b>Abdel-Nasser A El-Shorbagi</b> · Samia G Abdel-Moty · Raafat El-Awady, <i>Abdel-Alim M Abdel-Alim Medicinal Chemistry (Los Angeles)</i> , 2016, 6: 306-315. <a href="https://doi.org/10.4172/2161-0444.1000361">https://doi.org/10.4172/2161-0444.1000361</a>	Non-Scopus IF 2,3
2016	Design and synthesis of novel 5-aminosalicylate (5-ASA)-4-thiazolinone hybrid derivatives with promising antiproliferative activity., Hajjaj H. M. Abdu-Allah · Samia G. Abdel-Moty · Raafat El-Awady · <b>Abdel-Nasser A. El-Shorbagi</b> , <i>Bioorg Med Chem Lett.</i> 2016, 26(7):1647-50. <a href="https://doi.org/10.1016/j.bmcl.2016.02.073">https://doi.org/10.1016/j.bmcl.2016.02.073</a> . Epub 2016 Feb 26	Q1
2015	The antiviral (RNA & DNA) profile of some incomplete C-nucleosides inspired from natural $\beta$ - carboline (pyrido [3,4-b] indole) scaffold; pharmacology of the intermediates in the total synthesis, <b>A. A. El-Shorbagi</b> · S G Abdel-Moty · A N Ahmed, S Sakai <i>Der Pharma Chemica</i> (2015), 7(5), 87-92	Q3
2015	An approach to hypertension crisis: Evaluation of new fused benzazoles; 2-arylethenyl and 2,4-bis(arylethenyl) derivatives derived from 2,4-dimethyl-pyrimido [1,2-a] benzimidazole. <b>El-Shorbagi, Abdel-Nasser A</b> ; Husein, Mostafa A. <i>Der Pharma Chemica</i> (2015), 7(5), 319-326	Q3
2015	Synthesis and investigation of antihypertensive activity using anaesthetized-normotensive nonhuman primates of some 2-aryl-4-	Q3

	(substituted) pyrimido [1,2-a] benzimidazoles, <b>El-Shorbagi, Abdel-Nasser A</b> ; Husein, Mostafa A. Der Pharma Chemica (2015), 7(4), 190-200.	
<b>2013</b>	A combined experimental green flow-injection procedure and computational analysis to determine amino acids Emara, Samy; Aboul-Fadl, Tarek; <b>El-Shorbagi, Abdel Nasser</b> ; Kamal, Maha; Zarad, Walaa; Abdel Kawi, Mohamed. American Chemical Science Journal (2013), 3(4), 419-433.	Non Scopus
<b>2010</b>	Targeting $\gamma$ -aminobutyric acid (GABA) carriers to the brain: potential relevance as antiepileptic pro-drugs. Semreen, Mohammad H.; <b>El-Shorbagi, Abdel-Nasser</b> ; Al-Tel, Taleb H.; Alsalahat, Izzeddin M. Medicinal Chemistry (2010), 6(3), 144-149. <a href="https://doi.org/10.2174/1573406411006030144">https://doi.org/10.2174/1573406411006030144</a>	Q2
<b>2010</b>	Synthesis of new 4,5-3(2H)pyridazinone derivatives and their cardiotoxic, hypotensive, and platelet aggregation inhibition activities Amin, Enas Nashaat; Abdel-Alim, Abdel-Alim M.; Abdel-Moty, Samia G.; <b>El-Shorbagi, Abdel-Nasser A.</b> ; Abdel-Rahman, Mahran Sh. Archives of Pharmacal Research (2010), 33(1), 25-46., <a href="https://doi.org/10.1007/s12272-010-2222-x">https://doi.org/10.1007/s12272-010-2222-x</a>	Q1
<b>2006</b>	Synthesis and pharmacological activities of novel 1-alkyl-4-aryl-6-hydroxyperhydro-1,4-diazepine-2,3-diones Abdel-Alim, A. M.; Hussein, M. A.; <b>El-Shorbagi, A. A.</b> ; Abu-ElMagd, A. A.; El-Menshaw, B. S., Bulletin of Pharmaceutical Sciences, Assiut University (2006), 29(2), 253-271.	
<b>2005</b>	Synthesis of trigonelline and nicotinamide linked prodrugs of 5-aminosalicylic acid (5-ASA) with analgesic and anti-inflammatory effects Abdu-Allah, H. H. M.; Abdel-Alim, A. M.; Abdel-Moty, S. G.; <b>El-Shorbagi, A. A.</b> Bulletin of Pharmaceutical Sciences, Assiut University (2005), 28(2), 237-253.	
<b>2005</b>	“” Erratum”” New 1,4-disubstituted-6-hydroxyperhydro-1,4-diazepine-2,3-dione derivatives. [Erratum to document cited in CA143:326335]; Abuel-Magd, <b>A. A.</b> ; <b>El-Shorbagi, A. A.</b> ; Hussein, M. A.; Hamdy, M. M.; Abdel-Alim, A. M., Bulletin of Pharmaceutical Sciences, Assiut University (2005), 28(2), 311.	
<b>2005</b>	Synthesis of certain 2-aryloindole derivatives of potential analgesic, anti-inflammatory and antipyretic activities, Abdel-Moty, S. G.; Abdel-Aal, A. M.; Kafafy, <b>A. N.</b> ; <b>El-Shorbagi, A. A.</b> Bulletin of Pharmaceutical Sciences, Assiut University (2005), 28(2), 213-223.	
<b>2005</b>	Synthesis and anti-inflammatory testing of some new compounds incorporating 5-aminosalicylic acid (5-ASA) as potential prodrugs Abdel-Alim, Abdel-Alim Mohamed; <b>El-Shorbagi, Abdel-Nasser Ahmed</b> ; Abdel-Moty, Samia Galal; Abdel-Allah, Hajjaj Hassan Mohamed Archives of Pharmacal Research (2005), 28(6), 637-647. DOI:10.1007/BF02969351	

2005	2,3-Bis(5-alkyl-2-thioxo-1,3,5-thiadiazin-3-yl)propionic acid: one-pot domino synthesis and antimicrobial activity El Bialy, Serry A. A.; Abdelal, Ali M.; <b>El-Shorbagi, Abdel-Nasser;</b> Kheira, Samy M. M. From Archiv der Pharmazie (Weinheim, Germany) (2005), 338(1), 38-43. Language: English, Database: CAPLUS, DOI:10.1002/ardp.200400906	
2005	2,3-BIS(5-ALKYL-2-THIONO-1,3,5-THIADIAZIN-3-YL) PROPIONIC ACID: ONE-POT DOMINO SYNTHESIS AND ANTIBACTERIAL ACTIVITY, Serry A. A. El Bialy, Ali M. Abdelal, Abdel-Nasser El-Shorbagi, Samy M. M. Kheira ChemInform, Volume 36, Issue 22, Date: May 31, 2005	
2004	New 1,4-disubstituted-6-hydroxyperhydro-1,4-diazepine-2,3-dione derivatives Abuel-Magd, A. A.; El-Shorbagi, A. A.; Hussein, M. A.; Hamdy, M. M.; Abdel-Alim, A. M. Bulletin of Pharmaceutical Sciences, Assiut University (2004), 27(2), 193-202	
2003	Utility of copper(II) oxide as a packed reactor in flow injection assembly for rapid analysis of some angiotensin converting enzyme inhibitors Emara, Samy; El-Gindy, Alaa; El-Shorbagi, Abdel-Nasser; Hadad, Ghada From Analytica Chimica Acta (2003), 489(1), 115-123. Language: English, Database: CAPLUS, DOI:10.1016/S0003-2670(03)00712-8	
2003	Spectroscopic analytical study for the charge-transfer complexation of certain cephalosporins with chloranilic acid Saleh, Gamal A.; Askal, Hassan F.; Darwish, Ibrahim A.; El-Shorbagi, Abdel-Nasser A. From Analytical Sciences (2003), 19(2), 281-287. Language: English, Database: CAPLUS, DOI:10.2116/analsci.19.281	
2002	New 2H-tetrahydro-1,3,5-thiadiazine-2-thiones incorporating glycine and glycinamide as potential antifungal agents; Aboul-Fadl, Tarek; Hussein, Mostafa A.; El-Shorbagi, Abdel-Nasser; Khallil, Abdel-Raouf Archiv der Pharmazie (Weinheim, Germany) (2002), 335(9), 438-442. Language: English, Database: CAPLUS, DOI:10.1002/1521-4184(200212)335:9<438::AID-ARDP438>3.0.CO;2-E	
2002	Kinetics of solid state stability of glycine derivatives as a model for peptides using differential scanning calorimetry; Abd-Elrahman, M. I.; Ahmed, M. O.; Ahmed, S. M.; Aboul-Fadl, T.; El-Shorbagi, A. Biophysical Chemistry (2002), 97(2-3), 113-120. Language: English, Database: CAPLUS, DOI:10.1016/S0301-4622(02)00028-5	
2001	Design and synthesis of some thiazolo[3,2-a]benzimidazole quaternary salts of potential antidiabetic activity El-Shorbagi, A. A.; Hayallah, A. A.; Omar, N. M.; Ahmed, A. N.	

	From Bulletin of Pharmaceutical Sciences, Assiut University (2001), 24(1), 7-20	
<b>2001</b>	Synthesis and antifungal activity of 3,3'-ethylenebis(5-alkyl-1,3,5-thiadiazine-2-thiones), Hussein, Mostafa A.; <b>El-Shorbagi, Abdel-Nasser</b> ; Khallil, Abdel-Raouf, Archiv der Pharmazie (Weinheim, Germany) (2001), 334(10), 305-308., DOI:10.1002/1521-4184(200110)334:10<305::AID-ARDP305>3.0.CO;2-O	
<b>2000</b>	<a href="#">New tetrahydro-2H-1,3,5-thiadiazine-2-thione derivatives as potential antimicrobial agents</a> ; <b>El-Shorbagi, Abdel-Nasser</b> Archiv der Pharmazie (Weinheim, Germany) (2000), 333(9), 281-286. DOI:10.1002/1521-4184(20009)333:9<281::AID-ARDP281>3.0.CO;2-E	
<b>2000</b>	Investigation of alkylating, antineoplastic and anti-HIV potentials of the chalcones: 2-(3-arylpropenoyl)benzimidazole and their corresponding N1-methyl derivatives; Aboul-Fadl T; El-Shorbagi A N; Hozien Z A; Sarhan A W Bollettino chimico farmaceutico (2000), 139(5), 228-34,	
<b>2000</b>	New chiral amine ligands for enantioselective synthesis of certain (S)- and (R)-monobactams Hussein, M. A.; El-Shorbagi, A. A.; Omar, N. M.; Farghaly, Z. S.; Tomioka, Kiyoshi Bulletin of Pharmaceutical Sciences, Assiut University (2000), 23(2), 125-136.	
<b>2000</b>	Disubstituted tetrahydro-2H-1,3,5-thiadiazine-2-thiones as lipophilic carriers for glutamine and glutamic acid; El-Shorbagi, A. Bulletin of Pharmaceutical Sciences, Assiut University (2000), 23(1), 31-38	
<b>1998</b>	New carriers for representative peptides and peptide drugs. [Erratum to document cited in CA128:66423] By Aboul-Fadl, Tarek; El-Shorbagi, Abdel-Nasser, Archiv der Pharmazie (Weinheim, Germany) (1998), 331(6), 230. DOI:10.1002/ardp.19973301103 On page 328, the sentence starting in line 19 should have read: In their <sup>1</sup> H-NMR spectra, the synthesized derivs. Showed the C-4 and the C-6 methylenes of the tetrahydrothiadiazine-2-thione ring as one singlet integrating for four protons in derivs. 4a-d and g but sepd. as two singlets each of two protons in 4e and 4f.	
<b>1997</b>	New carriers for representative peptides and peptide drugs; Aboul-Fadl T; El Shorbagi A N, Archiv der Pharmazie (1997), 330(11), 327-32,	
<b>1997</b>	Synthesis of cytotoxic 1-polyhydroxyalkyl- $\beta$ -carboline derivatives Abdel-Moty, S. G.; Sakai, S.; Aimi, N.; Takayama, H.; Kitajima, M.; El-Shorbagi, A.; Ahmed, A. N.; Omar, N. M. European Journal of Medicinal Chemistry (1997), 32(12), 1009-1017. DOI:10.1016/S0223-5234(97)89645-6	
<b>1996</b>	New prodrug approach for amino acids and amino-acid-like drugs Aboul-Fadl, T.; El-Shorbagi, A. European Journal of Medicinal Chemistry (1996), 31(2), 165-9. Language: English, Database: CAPLUS, DOI:10.1016/0223-5234(96)80450-8	



<b>1996</b>	Flow injection method for the determination of methotrexate with a column-packed oxidizing agent. Emara, Samy; Razee, Saeid; El-Shorbagi, Abdel-Nasser; Masujima, Tsutomu, Analyst (Cambridge, United Kingdom) (1996), 121(2), 183-8. DOI:10.1039/an9962100183	
<b>1995</b>	Sulfated glycosides. Structural proof for salvadoside through comparison with that regioselectively synthesized from D-glucose. Kamel, Mohamed S.; El-Shorbagi, Abdel-Nasser A.; Karvinen, Esko; Koskinen, Ari, Bulletin of Pharmaceutical Sciences, Assiut University (1995), 18(2), 87-93	
<b>1994</b>	Synthesis and biological activities of 6-bromo-2,3-disubstituted-4-(3H)-quinazolinones. Abdel-Alim, Abdel-Alim M.; El-Shorbagi, Abdel-Nasser A.; El-Shareif, Hosny A. H.; El-Gendy, Mahmoud A.; Amin, Monir A., Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1994), 33B(3), 260-5.	
<b>1994</b>	Model for delivery of amines through incorporation into a tetrahydro-2H-1,3,5-thiadiazine-2-thione structure. El-Shorbagi, A-N., European Journal of Medicinal Chemistry (1994), 29(1), 11-15. DOI:10.1016/0223-5234(94)90120-1	
<b>1994</b>	Synthesis and evaluation of the cytotoxic and antiviral activities of 5,6-disubstituted isocytosine derivatives. Radwan, Awwad A.; El-Shorbagi, Abdel-Nasser A.; Abdel-Alim, Abdel-Alim M.; Mahfouz, Nadia M.; Nafei, Emad K., Alexandria Journal of Pharmaceutical Sciences (1994), 8(3), 155-60.	
<b>1994</b>	Design and synthesis of some new 1H-1,2,4-triazoles of potential antiinflammatory and analgesic activities. Hassan, Hoda Y.; El-Shorbagi, Abdel-Nasser; El-Koussi, Nawal A.; Abdel-Zaher, Ahmed O. Bulletin of Pharmaceutical Sciences, Assiut University (1994), 17(1), 27-39.	
<b>1993</b>	(±)-Termisine, a novel lupine alkaloid from the seeds of <i>Lupinus termis</i> Mohamed, Mahmoud Hamed; El-Shorbagi, Abdel Nasser Ahmed, Journal of Natural Products (1993), 56(11), 1999-2002. DOI:10.1021/np50101a023	
<b>1993</b>	Quinazolinone derivatives of biological interest. V. Novel 4(3H)-quinazolinones with sedative-hypnotic, anticonvulsant and antiinflammatory activities, Abdel-Alim, Abdel-Alim M.; El-Shorbagi, Nasser A.; El-Gendy, Mahmoud A.; El-Shareif, Hosny A. H., Collection of Czechoslovak Chemical Communications (1993), 58(8), 1963-8. DOI:10.1135/cccc19931963	
<b>1993</b>	Spectrophotometric determination of piperazine using 3,5-dibromo-2-methyl-p-benzoquinone Mohamed, H. A.; Khashaba, P. Y.; Mohamed, A. I.; El-Shorbagi, A. A., Bulletin of Pharmaceutical Sciences, Assiut University (1993), 16(2), 125-30.	
<b>1989</b>	Imidazo[2,1-b]benzothiazoles. II. Synthesis and antiinflammatory activity of some imidazo[2,1-b]benzothiazoles. El-Shorbagi, Abdel-Nasser; Sakai, Shinichiro; El-Gendy, Mahmoud A.; Omar, Nabil; Farag, Hassan H.,	

	Chemical & Pharmaceutical Bulletin (1989), 37(11), 2971-5. DOI:10.1248/cpb.37.2971	
1988	Imidazo[2,1-b]benzothiazoles. I. El-Shorbagi, Abdel Nasser; Sakai, Shinichiro; El-Gendy, Mahmoud A.; Omar, Nabil; Farag, Hassan H. Chemical & Pharmaceutical Bulletin (1988), 36(12), 4760-8.	

### PROFESSIONAL MEMBERSHIPS

Name of Organization / Society

### Ph.D. and Master Degrees

#### Ph. D degrees finished under my supervision:

1)- Hosny A. H. El-Sherif, Ph. D. Thesis " SYNTHESIS OF SOME NEW 4(3H)-QUINAZOLINONE DERIVATIVES OF POTENTIAL ANALGESIC, ANTIPYRETIC, ANTIINFLAMMATORY AND ANTICONVULSANT QUINAZOLINONE WITH SEDATIVE-HYPNOTIC ANTI-CONVULSANT ACTIVITIES", Faculty of Pharmacy at Assiut, Al-Azhar University, 1993.

2)- Samia G. Abdel-Moty, Ph. D. Thesis "TOTAL SYNTHESIS OF CYTOTOXIC 1-(POLYHYDROXY-ALKYL)- $\beta$ -CARBOLINE DERIVATIVES", Faculty of Pharmacy, Assiut University, 1995

3)- Mostafa A. Hussein, Ph. D. Thesis "NEW CHIRAL AMINE LIGANDS FOR ENANTIO-SELECTIVE SYNTHESIS OF CERTAIN (S)-AND (R)-MONO-BACTAMS", Faculty of Pharmacy, Assiut University, 2000.

#### Master Degrees finished under my supervision:

4)- Awwad A. R. Salama, Master thesis "SYNTHESIS AND EVALUATION OF THE CYTOTOXIC AND ANTIVIRAL ACTIVITIES OF 5,6-DISUBSTITUTED ISOCYTOSINE DERIVATIVES" Faculty of Pharmacy, Assiut University, 1995.

5)- Mostafa A. Hussein, Master thesis "DESIGN AND SYNTHESIS OF SOME PYRIMIDO[1,2-a]-BENZIMIDAZOLE DERIVATIVES OF POTENTIAL HYPOTENSIVE EFFECT". Faculty of Pharmacy, Assiut University, 1996.

6)- Alaa A. Hayallah, Master thesis "SYNTHESIS OF CERTAIN THIAZOLO[3,2,a] BENZIMIDAZOLE DERIVATIVES OF POTENTIAL HYPOGLYCEMIC ACTIVITY", Faculty of Pharmacy, Assiut University, 1997.

7)- Abu-Bakr M. Adel-Aal, Master thesis, "SYNTHESIS OF CERTAIN NEW INDOLE DERIVATIVES OF POTENTIAL ANTI-INFLAMMATORY, ANALGESIC AND ANTIPYRETIC ACTIVITY.", Faculty of Pharmacy, Assiut University, 2004.

8)- Hajjaj H. M. Abd-Allah, Master thesis, "SYNTHESIS AND ANTIINFLAMMATORY TESTING OF SOME NEW COMPOUNDS INCORPORATING 5-AMINOSALICYLIC ACID (5-ASA) AS POTENTIAL PRODRUGS". Faculty of Pharmacy, Assiut University, 2003.



9)- **Abeer A. Abuel-Magd, Master thesis**, "NOVEL 1,4-DISUBSTITUTED-6-HYDROXYHEXAHDRO-1H-1,4-DIAZ-EPINE-2,3-DIONE DERIVATIVES". Faculty of Pharmacy, Assiut University, 2005.

10) **Inas Gadalla, Master thesis**, "Synthesis and cardiotoxic effects of some new pyridazinone derivatives". Faculty of Pharmacy, Assiut University, (In preparation). . . . .

#### **BOOKS:**

##### **In Arabic:**

- 1- عبدالناصر الشوربجي في: "الكيمياء العضوية 1 : الحموض والقواعد العضوية، الكيمياء الفراغية، والهيئات الفراغية للألكانات والألكانات الحلقية" منشورات جامعة السودان المفتوحة، الطبعة الأولى 2005.
- 2- عبدالناصر الشوربجي في: "الكيمياء العضوية 2 : الكحولات والفينولات والثيولات، الإثيرات والثيواثيرات، الألدهيدات والكتونات، الأمينات" منشورات جامعة السودان المفتوحة، الطبعة الأولى 2006 منشورات جامعة السودان المفتوحة، الطبعة الأولى 2006..

##### **In English: (Annual notes for undergraduate students)**

- 1- A. Abdel-Alim, A. Ahmed and A. El-Shorbagi, "Fundamental Pharmaceutical Organic Chemistry" Assiut University Publications, (1999), modified Edition (2002).
- 2- A. Abdel-Alim, A. Ahmed and A. El-Shorbagi, "Introduction to Pharmaceutical Organic Chemistry" Assiut University Publications, (1997), modified Edition (2000).
- 3- A. Abdel-Alim, A. Ahmed and A. El-Shorbagi, "Practical Pharmaceutical Organic Chemistry" Assiut University Publications, (1996).